

ABSTRACT

A CONTROL SYSTEM

A control system comprises: a plurality of input devices; a plurality of remote output devices; a plurality of dedicated connections and a digital data network interconnecting the plurality of input devices and the plurality of remote output devices. Each one of the plurality of output devices is connected to one of the plurality of input devices by an associated one of the plurality of dedicated connections. Each output device is operable to detect an addressing error in the digital network by comparing a value of a parameter received via its dedicated connection with the value of the same parameter received via the digital data network. Each output device is operable to use a network address dependent upon a value received via its dedicated connection.